

in every point of view: the position of the animals well-chosen to exhibit their characters and habits,—nothing overstrained, nothing exaggerated,—and yet, sobered down as they are to nature, nothing can well be imagined more chaste and beautiful in colouring, or more curious in exterior decoration. The letter-press is not less worthy of praise for its correct and almost severe simplicity. The singular beauty of the objects before them has never tempted the authors to the indulgence of a figurative and flowery style, which, while it might have rendered the descriptions obscure, would only have marred the pleasing effect which these portraits must produce on every cultivated mind. All is in keeping,—artists and authors,—and every page of the work bespeaks the correct and excellent taste of the authors of it.

The promise which this number gives us of the value of that which is to come, will be kept, we feel assured, to the letter; and what pleases us most of all, is the fact, that this beautiful volume will have a circulation far beyond what similar works have hitherto had; that it will not be confined to the libraries of the rich, but will travel down, unaided by the cheapness of plain copies and of inferior paper, to the table of the great bulk of the naturalists of this country. It is this diffusive quality of the “Ray Society” that makes us set a value upon it. Here it has placed before a great number, pictures of forms which are novel and hitherto undreamt of by them; and we, who have been long familiar with the animals, can almost envy their new-born feelings of delight at the contemplation of this now unveiled feature in the portraiture of the Divine Mind. There is a great deal of good done, were the effect of this monograph to stop at this; but we even cherish the hope that it may induce some to taste a higher pleasure in the personal study of these “elaborate compositions” of our and their Creator. We cannot but wish all success to a Society which affords so rich a treat at so small an expense.

PROCEEDINGS OF LEARNED SOCIETIES.

ZOOLOGICAL SOCIETY.

April 22, 1845.—Richard C. Griffith, Esq., in the Chair.

“Descriptions of new species of *Helix*, in the cabinet of H. Cuming, Esq.,” by Dr. L. Pfeiffer.

HELIX PONDEROSA, Pfr. *Hel. T. imperforatâ, subglobosâ, tumidâ, solidâ, ponderosâ, leviusculâ (striis incrementi et concentricis confertissimis vix perspicuis), albâ, basi epidermide nitidâ, pallidè corned indutâ; anfractibus 4½ convexiusculis, ultimo subangulato, fasciis albis hydrophanis infra angulum obsolete notato; columellâ rectâ, latâ, perobliquâ; aperturâ subauriformi, intus albâ; peristomate latè reflexo.*

Diam. long. 23; transv. 17; altit. 13½ lin.

From Banguay, province of North Ilocos, isle of Luzon: found on leaves of trees. (Cuming.)

Differt ab *Hel. latitante* magnitudine, colore et sculpturâ minutissimâ.

HELIX SEMIGLOBOSA, Pfr. *Hel. T. subperforatâ, semiglobosâ, tenui, lutescenti-corneâ, supra minutissimè granulatâ; suturâ vix impressâ; anfractibus 6 planis, ultimo carinato, infra carinam lævigato, nitido, fasciâ dilutâ brunneâ notato; umbilico angustissimo; aperturâ lunari-ellipticâ, intus fasciatâ; peristomate simplice, acuto, margine columellari latè reflexo, umbilicum semigente.*

Diam. 22; altit. 13 lin.

From the isle of Zeyte: found on leaves of trees. (Cuming.)

β. *Anfractu ultimo magis inflato, saturatius brunnescente* (Catbalonga, isle of Samar).

HELIX OBTUSA, Pfr. *Hel. T. imperforatâ, subglobosâ, tenui, striis incrementi et lineis impressis concentricis obsoletis subdecussatâ, nitidâ, latè castaneâ; spirâ subelevatâ, obtusâ; anfractibus 4 convexis, ultimo inflato; columellâ obliquâ, acutâ, albâ; aperturâ dilatâ, subauriformi, intus margaritaceâ; peristomate simplice, expanso.*

Diam. $17\frac{1}{2}$; altit. 13 lin.

From Catanauan, province of Tayabos, isle of Luzon: found on leaves of bushes. (Cuming.)

β. *Alba, minor* (diam. 15; altit. 10 lin.). From Zigas, province of South Camarines, Luzon: found on leaves of trees.

HELIX FILARIS, Valenc., Mus. Paris. *Hel. T. imperforatâ, depressoglobosâ, tenui, striis incrementi validis notatâ, albidâ, epidermide pallidè corned deciduâ munitâ; spirâ parùm elevatâ, obtusâ; suturâ lineari, albo-marginatâ; anfractibus 4 planiusculis, ultimo obtusè angulato; columellâ obliquâ, margine granulosa; aperturâ dilatâ, lunari; peristomate nigro, subincrassato, parùm expanso.*

Diam. $19\frac{1}{2}$; altit. $12\frac{1}{2}$ lin.

From the island of Marinduque: found on leaves of trees. (Cuming.)

Intermedia inter *Hel. Valenciennesii* et *virginem*.

HELIX CONSTRICTA, Pfr. *Hel. T. imperforatâ, semiglobosâ, nitidâ, concentricè minutissimè striatâ, flavo-albidâ, fasciis 2 fuscis interruptis ad peripheriam ornatâ; anfractibus $4\frac{1}{2}$ convexiusculis, ultimo basi subplanato, ad aperturam subitò descendente, constricto; aperturâ lunari, intus nitidè flavâ; peristomate acuto, albo, latè reflexo, margine basali subincrassato; areâ columellari callosâ, subexcavatâ.*

Diam. $11\frac{1}{2}$; altit. $6\frac{1}{2}$ lin.

From Calapan, island of Mindoro: found on leaves of trees. (Cuming.) Affinis sequenti.

HELIX PARADOXA, Pfr. *Hel. T. imperforatâ, globoso-depressâ, nitidâ, concentricè subtilissimè et confertissimè striatâ, virescenti-flavâ, apice nigro-violaceo, areâ basali saturatè castaneâ; anfractibus 5 planiusculis, ultimo irregulari, lateraliter subcompresso, prope aperturam tumido; aperturâ lunari-ellipticâ; peristomate*

albo, acuto, latè reflexo, margine superiore intus callo castaneo munito, basi in dentem horizontalem incrassato.

Diam. long. $12\frac{1}{2}$; transv. 10; altit. 7 lin.

From Sorsogon, province of Albay, isle of Luzon: found on leaves of trees. (Cuming.)

Affinis *H. Thersit.*, margine non carinato, colore et sculpturâ diversâ.

HELIX FODIENS, Pfr. *Hel. T. umbilicatâ, subglobosâ, tenui, diaphanâ, rufo-cornéâ, obliquè confertim rugosâ; anfractibus $5\frac{1}{2}$ convexis, ultimo subangulato; umbilico pervio; aperturâ suborbiculari; peristomate simplice, ad umbilicum latè expanso.*

Diam. 11; altit. $7\frac{1}{2}$ lin.

From Banguay, province of North Ilocos, isle of Luzon: found partially buried in earth, under stones. (Cuming.)

β . *Minor, pallidior, anfractibus 5, diam. $9\frac{1}{2}$, altit. 6 lin.*

From Cagayan, isle of Luzon. (Cuming.)

Differt ab *H. frutico* testâ rugosâ et aperturâ magis dilatatâ, ab *H. tourannensi* rugis testæ, spirâ non acuminatâ, et peristomate intus non labiato.

HELIX SUCCINEA, Pfr. *Hel. T. depressâ, obsoletè subperforatâ, tenui, pellucidâ, nitidâ, succinéd; suturâ mediocri; anfractibus 5 celeriter crescentibus, vix convexiusculis; aperturâ lunari; peristomate simplice, acuto, margine columellari subreflexo, perforationem obsoletam tegente.*

Diam. 5; altit. 3 lin.

From Sorsogon, province of Albay, isle of Luzon: found on leaves of trees. (Cuming.)

HELIX GALLINULA, Pfr. *Hel. T. umbilicatâ, lenticulari, acutè carinatâ, solidâ, flavescenti-grisâ, fasciis nonnullis rufis et epidermide hydrophanâ, maculas triangulares pallidas formante, ornatâ; anfractibus $4\frac{1}{2}$ planis, ultimo ad aperturam subitò deflexo; aperturâ horizontali, ellipticâ; peristomate simplice, marginibus callo tenui junctis, basali reflexo, ad umbilicum mediocrem pervium arcuato.*

Diam. 13; altit. $4\frac{1}{2}$ lin.

From Bongabong, province of Nueva Ecija, isle of Luzon: found on trunks of trees. (Cuming.)

β . *Minor, testâ basi obliquè rugulosâ, aperturâ lateraliter minus dilatatâ.*

From Mt. St. Cristoval, province of Batangas, isle of Luzon. (Cuming.)

γ . *Testâ utrinque lineis impressis obliquis, circa umbilicum subconcentricis notatâ, fasciis obsoletis.*

From Daleguete, isle of Zebu. (Cuming.)

HELIX HORIZONTALIS, Pfr. *Hel. T. umbilicatâ, depressâ, solidâ, obliquè striatâ, carinatâ, luteo-cornéd, rufo-fasciatâ; fasciis 2 supra, 1 infra carinam; anfractibus 5 planis, ultimo supernè convexo, basi planulato, ad aperturam subitò ferè verticaliter deflexo; aperturâ horizontali, integrâ, oblongâ; peristomate crasso, reflexo, carneo, marginibus parallelis.*

Diam. $15\frac{1}{2}$; altit. 7 lin.

From the island of Bantayon, Philippines: found on the trunks of trees. (Cuming.)

HELIX RADULA, Pfr. *Hel. T. umbilicatâ, depressâ, sublenticulari, solidiusculâ, striis incrementi confertis et lineis acutè prominentibus concentricis exasperatâ, pallidè corned, carinatâ; anfractibus 6½ convexiusculis, lentè crescentibus, ultimo basi inflato, lineis concentricis infra carinam obsoletis; umbilico mediocri, pervio; aperturâ lunari-ellipticâ; peristomate simplice, vix incrassato, marginibus callo lineari junctis.*

Diam. 10; altit. 5 lin.

From Sinait, province of North Ilocos, isle of Luzon: found under stones in earth. (Cuming.)

HELIX ACUTIMARGO, Pfr. *Hel. T. umbilicatâ, depressâ, supra planiusculâ, basi convexâ, tenui, pellucidâ, pallidè corned, acutè carinatâ, supra carinam striis nonnullis confertis, concentricis notatâ; anfractibus 6 lentè crescentibus; umbilico mediocri, pervio; aperturâ securiformi; peristomate simplice, acuto.*

Diam. 8; altit. 3 lin.—An adulta?

From the mountains of the isle of Negros: found on the leaves of bushes. (Cuming.)

HELIX BIANGULATA, Pfr. *Hel. T. subperforatâ, scalæformi, tenui, corneo-rubellâ, leviter striatâ, nitidiusculâ; anfractibus 7 lentè crescentibus, ultimo bicarinato; carinâ inferiore filari ad peripheriam, superiore per omnes anfractus ascendente; aperturâ lunari-ovali; peristomate simplice, acuto, perforationem angustissimam ferè occultante.*

Diam. 8; altit. $4\frac{3}{4}$ lin.

From St. Frun, province of Cagayan, isle of Luzon: found in earth at the root of bushes. (Cuming.)

HELIX EXCENTRICA, Pfr. *Hel. T. subperforatâ, supernè planiusculâ, basi inflatâ, tenui, cered, nitidâ, striis excentricis subcostulatâ, acutè carinatâ; anfractibus 4 supra planis, rapidè crescentibus; aperturâ securiformi; peristomate simplice, acuto, ad perforationem angustissimam dilatato-reflexo.*

Diam. 9; altit. $4\frac{1}{4}$ lin.

From the isle of Siquijor: found on the leaves of bushes. (Cuming.)

Differt ab *H. smaragdina*, Grat., spirâ minus depressâ, anfractu ultimo minus inflato, et aperturæ formâ.

HELIX SPECTABILIS, Pfr. *Hel. T. subperforatâ, depressâ, solidâ, nitidissimâ, corneo-luted, fasciâ 1 rufâ percurrente ornatâ; spirâ parùm elevatâ; anfractibus 5½ convexiusculis, ultimo infra fasciam angulato; aperturâ latè lunari; peristomate simplice, acuto, margine columellari subreflexo, perforationem tegente.*

Diam. 9; altit. 5 lin.—An adulta?—*Nanina* spec.?

From Bangojon, isle of Samar: found on the leaves of bushes. (Cuming.)

HELIX EXIMIA, Pfr. *Hel. T. umbilicatâ, depresso-globosâ, obliquè rugosâ et confertissimè granulosa, olivaceo-corned, fasciis 5 fusco-viridibus ornatâ; anfractibus 4½ convexiusculis, rapidè crescenti-*

bus, ultimo permagno, circa aream umbilicarem fuscam compresso-inflato; aperturâ lunari-ovali, intus margarituceâ, lilaceâ; peristomate simplice, angustè reflexo, umbilicum angustum semitegente.

Diam. 21; altit. 14 lin.

From Vera Cruz, province of Honduras, Central America: found on leaves of trees. (Delatere.)

HELIX TRIGONOSTOMA, Pfr. *Hel. T. imperforatâ, trochiformi, tenui, obliquè striatâ, lineis nonnullis concentricis impressis notatâ, albâ, fasciis supernè linearibus, basi latioribus, fusco-violaceis ornatâ; spirâ latè conicâ; anfractibus $4\frac{1}{2}$ planiusculis, ultimo spiram superante, obsolete angulato; columellâ brevi, callosâ; aperturâ subtriangulâri; peristomate simplice, margine supero parùm expanso, columellari reflexo, adpresso.*

Diam. 14; altit. 9 lin.

From Vera Cruz, province of Honduras, Central America: found on leaves of trees. (Delatere.)

Affinis *H. teneræ*, Sow. Differt spirâ minus elevatâ, anfractibus planis, columellâ brevi et aperturæ formâ.

HELIX TENUIS, Pfr. *Hel. T. imperforatâ, subglobosâ, tenui, fuscâ, rufo-zonatâ, lineis obsolete impressis, concentricis notatâ, epidermide tenuissimâ, sericinâ indutâ; spirâ obtusiusculâ; anfractibus 5 celeriter crescentibus, vix convexiusculis, ultimo magno, inflato, ad columellam obliquam, subtortam excavato; aperturâ lunari-ovali; peristomate recto, simplice, basi subincrassato.*

Diam. 16; altit. 11 lin.

Patria ignota. (E collectione Cumingianâ.)

HELIX DILATATA, Pfr. *Hel. T. imperforatâ, subglobosâ, solidâ, pallidè luteâ, lineis confertissimis brunneis, interruptis supra et infra fasciam concolorem mediî anfractûs ultimi pictâ, apice albidâ; spirâ parvâ, obtusiusculâ; anfractibus 4 rapidè crescentibus, ultimo amplissimo; columellâ albo-callosâ, arcuatâ; aperturâ maximâ, obliquè ovali, intus lacteâ; peristomate recto, intus incrassato.*

Diam. $17\frac{1}{2}$, altit. 12 lin.

Patria ignota. (E collectione Cumingianâ.)

GLANDINA OBTUSA, Pfr. *Glan. T. ovatâ, utrinque attenuatâ, apice obtusâ, solidulâ, pellucidâ, pallidè carneâ; anfractibus $5\frac{1}{2}$ vix convexiusculis, ultimo spiram paulò superante; suturâ crenulato-marginatâ; aperturâ latiusculâ; columellâ verticali, basi subitò truncatâ; peristomate simplice, marginibus callo tenuissimo junctis, dextro medio vix dilatato.*

Long. $9\frac{1}{2}$; diam. 5 lin.

From the Real Llejos, province of Nicaragua, Central America: found on leaves of bushes. (Cuming.)

May 13.—William Yarrell, Esq., Vice-President, in the Chair.

“Descriptions of eighty-nine new species of *Mitra*, chiefly from the collection of H. Cuming, Esq.,” by Lovell Reeve, Esq. :—

MITRA FASTIGIUM. *Mitr. testâ abbreviato-ovatâ, subventricosâ, solidiusculâ, spirâ brevi, acuminatâ; lavigatâ, basim versus exiliter*

sulcatá; luteá; columellá quadriplicatá, basi truncatá; labro simplici, supernè sinuato.

Conch. Icon., *Mitra*, pl. 28. f. 221.

Hab. — ?

A small, solid, compact cupola-shaped shell.

MITRA BULIMOIDES. *Mitr. testá elongatá, basi subtruncatá, spirá acuminatá; tenuiculá, subpellucidá, quasi corneá; albido-fuscescente; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 28. f. 224.

Hab. — ?

A smooth transparent horny shell.

MITRA RHODIA. *Mitr. testá elongatá, spirá acuminatá; læviusculi, transversim subtilissimè striatá; nigerrimo-fuscá; columellá triplikatá, aperturá brevi.*

Conch. Icon., *Mitra*, pl. 28. f. 225.

Hab. — ?

Not much unlike the preceding species in form, but of a different colour and texture.

MITRA CÆLIGENA. *Mitr. testá ovatá, spirá breviusculá, suturis profundis; transversim sulcatá, sulcis subpunctatis; luteo-fuscescente, albipunctatá, anfractuum parte superiori balteo angusto lutescente cingulatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 28. f. 226.

Hab. — ?

The entire surface of this species is speckled with small white spots.

MITRA AURICULOIDES. *Mitr. testá ovatá, crassá, solidá, basim versus striatá, spirá brevi, obtusá; rubido-castanè, anfractuum parte superiori, balteo unico albo angusto cingulatá; columellá quinqueplicatá; labro intus supernè sinuato.*

Conch. Icon., *Mitra*, pl. 28. f. 228.

Hab. — ?

A dark chestnut-brown Auricula-shaped shell, encircled with a conspicuous narrow white belt.

MITRA DUPLILIRATA. *Mitr. testá elongatá, spirá valdè acuminatá, angustá, tereti, basi tortuoso-recurvá; transversim subtiliter dupliliratá, liris interstitiisque granulosis; albidá, aurantio-fusco hic illic concentricè flammátá; columellá quadriplicatá, basi subcanaliculatá.*

Conch. Icon., *Mitra*, pl. 29. f. 229.

Hab. — ?

This species has a peculiar tapering form, and by the aid of a lens it may be observed that the transverse ridges are all duplicate.

MITRA DISCOLORIA. *Mitr. testá ovatá, basi granulatá, spirá acuminato-turritá; anfractibus supernè prominentibus, longitudinaliter conspicuè costatis, costis latiusculis, obtusis, transversim impresso-lineatis; fasciis roseis et albis alternatá, fasciis roseis inter costas ustulato-nigricantibus; columellá quadriplicatá, aperturá parvâ.*

Conch. Icon., *Mitra*, pl. 29. f. 230.

Hab. — ?

An extremely prettily painted species.

MITRA CORIACEA. *Mitr. testá ovatá, utrinque attenuatá, spirá breviusculá, acutè acuminatá; anfractibus superne rotundatis, transversim impresso-lineatis, interstitiis granosis; anfractuum parte superiori albidá, infra fuscéscente; columellá quinqueplicatá.*

Conch. Icon., *Mitra*, pl. 29. f. 231.

Hab. Island of Corrigidor, Philippines (found among coarse sand at the depth of five fathoms); Cuming.

A species of very peculiar character.

MITRA VERRUCOSA. *Mitr. testá ovatá, subventricosá, spirá breviusculá, acuminatá; longitudinaliter concentricè plicatá, plicis tuberculis parvis prominentibus mucronatis undique armatis; albá, fuscéscente pallidè fasciatá; columellá quinqueplicatá.*

Conch. Icon., *Mitra*, pl. 29. f. 232.

Hab. Island of Ticao, Philippines (found in sandy mud in deep water); Cuming.

The tubercles with which the entire surface of this shell is covered are quite sharp and prickly.

MITRA ELEGANS. *Mitr. testá oblongo-ovatá, spirá acuminatá, suturis subprofundis; longitudinaliter subtilissimè costatá, costis angustis, interstitiis eleganter clathratis; albicante, aut pallidissimè carneo-fuscéscente, lineá rubrá unicá aut pluribus cingulatá, apice fusco; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 29. f. 233.

Hab. Island of Burias, Philippines (found among coral sand and shells at the depth of four fathoms); Cuming.

This species is well characterized by the very elegant style of its sculpture and by the sharp red lines with which it is encircled.

MITRA DECORA. *Mitr. testá subfusiformi, basi contractá, spirá acuminato-turrítá, suturis profundis; transversim impresso-sulcatá, liris intermediis granulosis, plicisque angustis concentricis subdistantibus longitudinaliter ornatá; albá, balteo aurantio-fusco, anfractu ultimo balteis duobus, cingulatá; columellá quadriplicatá, umbilicatá, subcanaliculatá.*

Conch. Icon., *Mitra*, pl. 29. f. 234.

Hab. — ?

The form, colour and sculpture of this species are each of peculiar interest.

MITRA MUTABILIS. *Mitr. testá abbreviato-fusifirmi, spirá turrítá, interdum elevatá, interdum breviusculá, suturis subprofundis; anfractibus superne depressis, longitudinaliter concentricè costatis, costis angustis liris subtilibus transversis clathratis; albidá, olivaceo-viridí fasciatá, apice fusco; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 29. f. 235.

Hab. Island of Ticao, Philippines (found under stones at low water, and at the depth of about ten fathoms); Cuming.

An extremely variable species both in form and colour.

MITRA MILITARIS. *Mitr. testá subfusiformi, basi contractá, spirá acuminatá, suturis subprofundis; longitudinaliter costatá, costis obtusiusculis, interstitiis transversim impresso-lineatis; anfractibus supernè luteis, ultimo zoná latá coccineo-rubrá cingulato; columellá quadriplicatá, umbilicatá.*

Conch. Icon., *Mitra*, pl. 29. f. 236.

Hab. Island of Ticao, Philippines (found on the sands); Cuming. Distinguished in part by the rich, broad, crimson-red band which encircles the last whorl.

MITRA TUBEROSA. *Mitr. testá obtuso-conicá, crassá, obesá, spirá brevi, basi truncatá; longitudinaliter plicato-costatá, costis rudibus, subdistantibus, supernè tuberculato-nodosis; transversim linearisulcatá, sulcis pertusis; luteo-olivaceá, aut fuscá, supernè albá, basi fuscá, albipunctatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 30. f. 237, *a* and *b*.

Hab. Island of Zebu, Philippines (found under stones at low water); Cuming.

A small stout species, somewhat after the form of the *Mitra patriarchalis*.

MITRA FORTICOSTATA. *Mitr. testá abbreviato-ovatá, spirá sub-turritá; anfractibus supernè angulatis, infra angulum longitudinaliter costatis, costis solidis fortissimis, distantibus, basim versus subobsoletè granosis; nigerrimo-fuscá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 30. f. 238.

Hab. New Holland.

Resembling *Mitra ficulina*, but of a much more solid and angular structure.

MITRA LOTA. *Mitr. testá oblongo-ovatá, spiræ suturis impressis, transversim subtilissimè impresso-striatis, longitudinaliter concentricè costatá, costis basim versus granosis; rufulo-aurantiá, viridifusco variegatá; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 30. f. 239.

Hab. Island of Ticao, Philippines (found under stones at low water); Cuming.

The painting of this species is of very irregular character.

MITRA CONSANGUINEA. *Mitr. testá ovatá, solidiusculá, obesá, basim versus contractá, spirá obtuso-rotundatá; transversim subtilissimè punctato-striatá, longitudinaliter confertim plicato-costatá, costis infernè granosis; rubidá, anfractibus maculis parvis rotundis in medio uniseriatim cinctis; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 30. f. 241.

Hab. — ?

Allied in some measure to the *Mitra pardalis*.

MITRA CREMANS. *Mitr. testá obeso-ovatá, spirá brevi, suturis subimpressis; lævi, basim versus granosá, longitudinaliter subobliquè plicatá; nigerrimá, flammis rufo-aurantiis hic illic variegatá; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 30. f. 242.

Hab. St. Nicolas, island of Zebu, Philippines (found under stones at low water); Cuming.

This species may be known by its confused flame-like painting.

MITRA LEUCODESMA. *Mitr. testá obeso-ovatá, spirá brevissimá, longitudinaliter plicato-costatá; lævi, apice crenulatá, basi granulata; nigerrimo-fuscá, anfractibus macularum albarum zoná unicá in medio cingulatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 30. f. 243.

Hab. Island of Ticao, Philippines (found under stones at low water); Cuming.

Painted in a manner similar in some degree to the *Mitra microzonias*, from which it is materially distinct in form.

MITRA LAUTA. *Mitr. testá obeso-ovatá, solidiusculá, spirá obtusorotundatá, longitudinaliter subobsoletè plicato-costatá, costis lævibus, interstitiis impresso-striatis; costis, aurantio-rufis, interstitiis nigerrimis, anfractuum medio albo; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 30. f. 244.

Hab. Island of Masbate, Philippines (found under stones at low water); Cuming.

A stout, very prettily painted species.

MITRA LUCULENTA. *Mitr. testá ovatá, lævi, longitudinaliter subobsoletè plicato-costatá, costis basim versus granosis; anfractibus zonis cæruleo-nigris et albis alternatim conspicuè pictá, columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 30. f. 245.

Hab. Philippine Islands; Cuming.

This species may be recognized by the decided character of the painting, which consists of alternate blue-black and white zones.

MITRA AVENACEA. *Mitr. testá oblongo-ovatá, transversim undique lirátá, liris angustis, elevatiusculis; flavescente-spadiceá, juxta suturas albicante subindistinctè maculatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 31. f. 246.

Hab. Islands of Burias, Ticao and Capul, Philippines (found on the reefs and in sandy mud at the depth of about six fathoms); Cuming.

A solid, cylindrical, closely-ridged shell.

MITRA PICA. *Mitr. testá ovatá, tenuiculá, subventricosá, spirá breviusculá, acutá; unfractibus lævibus, aterrimis, supernè et infernè niveis; columellá triplicatá; aperturá subamplá.*

Conch. Icon., *Mitra*, pl. 31. f. 247.

Hab. — ?

May be distinguished by the jagged white band with which its black whorls are encircled next the sutures.

MITRA CITHARA. *Mitr. testá ovatá, crassiusculá, suturis impressis; longitudinaliter creberrimè costatá, costis angustis, obtusis, interstitiis transversim clathratis; purpureo-plumbeá, zonulá pallidá angustá cingulatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 31. f. 248.

Hab. — ?

Of a peculiar purple lead-colour.

MITRA NYMPHA. *Mitr. testá subfusiformi, spirá acuminatá; anfractibus transversim punctato-striatis; incarnato-fuscescente, albo maculato-variegatá, anfractu ultimo fasciá albidá subindistinctá cingulato; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 31. f. 249.

Hab. — ?

A solid punctured shell, of a fleshy-brown or pale salmon-colour, variegated with white spots, particularly around the sutures.

MITRA CALLOSA. *Mitr. testá oblongo-ovatá, spirá breviusculá, suturis subimpressis; lævigatá, basi liratá; plumbeo-fuscá, punctis fuscis hic illic variegatá; columellá fuscá, quinqueplicatá, callositate albá supernè armatá, plicis albis; labro subflexuoso.*

Conch. Icon., *Mitra*, pl. 31. f. 251.

Hab. Pasacao, island of Luzon, Philippines (found on the sands); Cuming.

Distantly allied to the *Mitra ebenus*.

MITRA ÆGRA. *Mitr. testá fusiformi, spirá acuminatá, transversim undique crebriliratá, liris lævibus, interstitiis puncturatis; fuscescente, roseo-albicante pallidè et indistinctè fasciatá et maculatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 31. f. 252.

Hab. — ?

Like the *Mitra cylindracea* in form, but of a different sculpture.

MITRA MODESTA. *Mitr. testá subfusiformi-ovatá, basi contractá, spirá turrítá; anfractibus rotundatis, longitudinaliter costatis, interstitiis transversim cancellato-impressis; nived, rosaceo basin versus pallidissimè tinctá; columellá quadriplicatá, aperturæ fauce rosacá.*

Conch. Icon., *Mitra*, pl. 31. f. 254.

Hab. Island of Ticao, Philippines (found on the reefs at low water); Cuming.

A chaste pink-white shell, with a highly-relieved lattice sculpture.

MITRA SEMEN. *Mitr. testá ovatá, utrinque attenuatá, lævigatá, politá; castaneo-fuscá lineis albidis undatis longitudinaliter pictá; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 32. f. 256.

Hab. Puerto Galero, island of Mindoro, Philippines (found on the sands at low water); Cuming.

Covered with characteristic longitudinal waved lines.

MITRA MILIUM. *Mitr. testá ovato-fusiformi, crassiusculá, lineis elevatiusculis undique creberrimè decussatá; rufescente-fuscá; columellá quadriplicatá; aperturá subangustá, labro incrassato.*

Conch. Icon., *Mitra*, pl. 32. f. 257.

Hab. — ?

Belonging to a small group of a peculiar narrow contracted structure, with thickened lip, of which the *Mitræ gratiosa, recurva, exilis* and *mirifica* may be quoted as examples.

MITRA LACHRYMA. *Mitr. testá ovatá, utrinque attenuatá, tenuiculá,*

spirá brevi, subobtusá ; anfractibus supernè longitudinaliter subtilissimè costatá, transversim obsolete elevato-striatá ; albá, maculá grandí aurantio-fuscescente dorso peculiariter pictá ; columellá bi- vel tri-plicatá, plicis ferè obsolete, labro effuso.

Conch. Icon., *Mitra*, pl. 32. f. 258.

Hab. — ?

A small white transparent-looking shell, which may be immediately recognised by the large brown stain on the back of the last whorl.

MITRA CIMELIUM. *Mitr. testá abbreviato-fusiforimi, spirá turrítá, longitudinaliter costatá, costis supernè tuberculatis ; albá, costis infra tuberculis lineis brevibus nigerrimo-fuscis transversim vividè pictá ; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 32. f. 260.

Hab. Island of Ticao, Philippines (found under stones at low water) ; Cuming.

The lower portion of the ribs of this species are crossed in a very peculiar manner with short brown parallel lines.

MITRA TURRIGER. *Mitr. testá fusiforimi, spirá angulato-turrítá ; anfractibus supernè angulatis, longitudinaliter costatis, costis angustis, ad angulum muricato-tuberculatis, interstitiis transversim impressis ; albidá, fasciá castaneá latiusculá inter costas pictá, columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 32. f. 262.

Hab. Island of Ticao, Philippines (found in sandy mud at the depth of six fathoms) ; Cuming.

A prickly sharply-turreted species, encircled with a brown band, which only appears in the interstices between the ribs.

MITRA CELATA. *Mitr. testá cylindraceo-ovatá, basi contractá, paululúm elongatá, spiræ suturis subprofundis ; anfractibus longitudinaliter costatis, costis angustis, crebris, interstitiis impresso-cancellatis ; lutescente-fuscá, subindistinctè albifasciatá ; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 32. f. 265.

Hab. Cagayan, province of Misamis, island of Mindanao, Philippines (dredged from sandy mud at the depth of thirty fathoms) ; Cuming.

The upper portion of this shell has a peculiar cylindrically shortened structure, whilst the base is inclined to become elongated.

MITRA LUCIDA. *Mitr. testá fusiforimi, spirá turrítá, basi subelongato-contractá ; anfractibus longitudinaliter costatis, costis supernè tumidis, transversim elegantissimè liratis ; lucido albicante ; columellá quinqueplicatá.*

Conch. Icon., *Mitra*, pl. 33. f. 266.

Hab. Philippine Islands ; Cuming.

A delicate transparent species, of a peculiar elongated fusiform growth.

MITRA TYPHA. *Mitr. testá subelongatá, spirá acuminatá ; transversim subtilissimè striatá, corneá, translucidá, fasciá latá ferruginè cingulatá ; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 33. f. 267.

Hab. Loay, island of Bohol, Philippines (found under stones at low water); Cuming.

A minute horny-looking shell, encircled with a conspicuous orange-brown band.

MITRA TORNATA. *Mitr. testá oblongo-ovatá, spirá acutá, anfractibus convexis, transversim undique liris, liris tribus supremis minoribus; lutescente-fuscá, epidermide fuscá indutá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 33. f. 269.

Hab. Island of Guimaras, Philippines.

The ridges of this species are remarkable for their close regularity and precision.

MITRA VULTUOSA. *Mitr. testá ovatá, spirá breviusculá; anfractibus convexis ad suturas depresso-planis, transversim costatis, costis crebris sulcis longitudinalibus angustis exsculptis; aurantio-fuscá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 33. f. 270.

Hab. Island of Capul, Philippines (found on the reefs); Cuming.

The longitudinal grooves impart a nodulous character to the transverse ribs.

MITRA GRANATA. *Mitr. testá oblongo-ovatá, crassá, transversim undique liratá, liris parvis subtiliter granatis; lutescente-fuscá, apice albicante; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 33. f. 271.

Hab. Island of Ticao, Philippines (found under stones at low water); Cuming.

Crossed with finely-grained ridges.

MITRA PACIFICA. *Mitr. testá oblongo-ovatá, crassiusculá, spirá turritá; anfractibus supernè angulatis, longitudinaliter liratá, liris numerosis, angustis, transversim impresso-sulcatis; albá, fasciá fuscá inter liras solum cingulatá; columellá quadriplicatá, plicá supremá valdè maximá, aperturá breviusculá.*

Conch. Icon., *Mitra*, pl. 33. f. 272.

Hab. Lord Hood's Island; Cuming.

Allied in form to the *Mitra exasperata*.

MITRA TURGIDA. *Mitr. testá ovoideá, medio turgidá, basi contractá, spirá brevi, acuminatá; transversim undique liratá, sulcis subirregularibus longitudinaliter impressá; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 33. f. 273.

Hab. Island of Capul, Philippines (found under stones at low water); Cuming.

The sculpture of this species is of a somewhat similar character to that of the *Mitra tornata*.

MITRA AMABILIS. *Mitr. testá ovatá, crassiusculá, spirá obtuso-depressá; anfractibus subrotundatis, longitudinaliter costatis, transversim impresso-sulcatis; cinereo-griseá varìe albifasciatá; columellá quadriplicatá; aperturá breviusculá, intus fuscá.*

Conch. Icon., *Mitra*, pl. 33. f. 274.

Hab. Islands of Ticao and Philippines (found under stones at low water); Cuming.

A pretty species, banded alternately with white and ashy grey.

MITRA PURPURATA. *Mitr. testá ovatá, utrinque attenuatá, spirá breviusculá, subturritá; anfractibus ad suturas plano-angulatis, longitudinaliter costatis, costis numerosis, angustis, prominentibus, interstitiis impresso-cancellatis; fusco-purpureá, zoná angustá albá cingulatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 33. f. 275.

Hab. Island of Capul, Philippines (found under stones at low water); Cuming.

The whorls of this shell being flatly angulated at the sutures, give a turreted character to the spire.

MITRA PUELLA. *Mitr. testá rotundato-ovatá, spirá brevi, subobtusá, suturis impressis; anfractibus transversim subtilissimè striatis, anfractús ultimi parte inferiori minutè nodiferá; aterrimá, anfractuum parte superiori maculis niveis pyriformibus, concentricè dispositis, conspicuè ornatá; columellá triplicatá; labro intus denticulato.*

Conch. Icon., *Mitra*, pl. 34. f. 276.

Hab. Island of St. Thomas, West Indies; Gruner.

The pyriform white spots which encircle the upper portion of each whorl exhibit a striking contrast with the jet-black ground of the shell.

MITRA GRATIOSA. *Mitr. testá elongatá, subcylindraceá, liris prominentibus minutis creberrimè decussatá; fuscá; columellá quinqueplicatá, labro subincrassato.*

Conch. Icon., *Mitra*, pl. 34. f. 277.

Hab. Gallapagos Islands (found among coral sand at a depth of about seven fathoms); Cuming.

A narrow cylindrical shell, with beautifully decussated sculpture, and of an uniform brown colour.

MITRA MIRIFICA. *Mitr. testá elongatá, gracili, subcylindraceá, basi recurvá, liris minutissimis creberrimè decussatá; rosaced, subpellucidá, zonulá angustá albidá cingulatá; columellá sexplicatá, labro subincrassato.*

Conch. Icon., *Mitra*, pl. 34. f. 278.

Hab. Island of Capul, Philippines (found under stones at low water); Cuming.

The general aspect of this shell is very similar to that of the preceding species; upon examination it will be found however of a thinner and more slender structure, whilst the sculpture is of a smaller pattern, and the colour altogether different.

MITRA INERMIS. *Mitr. testá oblongo-ovatá, longitudinaliter creberrimè plicatá, basi sulcatá; rufescente-fuscá, fasciá albidá, fusco subtilissimè undulatá, cinctá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 34. f. 279.

Ann. & Mag. N. Hist. Vol. xvi.

U

Hab. Puteao, province of Albay, island of Luzon (found on the sands); Cuming.

Encircled with a white band, traversed with fine brown zigzag lines.

MITRA BRUMALIS. *Mitr. testá elongatá, subcylindraca, undique subtilissimè decussatá; lutescente, aurantio-fusco pallidissimè hic illic tinctá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 34. f. 280.

Hab. Philippine Islands; Cuming.

A solid obtuse shell, with the lip slightly effused.

MITRA DÆDALA. *Mitr. testá subfusiformi-ovatá, spirá turrítá; longitudinaliter costatá, costarum interstitiis fortiter clathratis; cinereo-viridescente, zoná albá conspicuá cingulatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 34. f. 281.

Hab. Island of Ticao, Philippines (found in sandy mud at the depth of six fathoms); Cuming.

The colour of this shell is a peculiar livid ashy grey.

MITRA SUTURATA. *Mitr. testá elongato-ovatá, basi subrecurvá, spirá suturis profundè impressis; transversim undique angisulcatis, sulcis profundis, puncturatis, liris intermediis subgranosis; pallidè stramineá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 34. f. 282.

Hab. Gindulman, island of Bohol, Philippines (found under stones at low water); Cuming.

The entire surface of this shell is encircled with close finely granulated ridges, the interstices between which are deeply grooved and punctured.

MITRA TUSA. *Mitr. testá ovatá, spirá suturis profundè impressis, longitudinaliter subtiliter costatá, transversim impresso-striatá; anfractuum parte superiori albida, maculis grandibus subquadratis fuscis ornatá, parte inferiori totá fuscá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 34. f. 283.

Hab. Puerto Galero, island of Mindoro, Philippines (found on the sands at low water); Cuming.

Distinguished by the dark chocolate-brown spots upon the upper part of the shell, whilst the lower part is entirely stained with the same colour.

MITRA MICANS. *Mitr. testá subfusiformi-ovatá, lævigatá, politá, eburneá, aurantio pallidè fasciatá, columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 34. f. 285.

Hab. South Pacific Ocean.

A small white orange-banded shell, with a surface as hard and shining as polished ivory.

MITRA ARMIGER. *Mitr. testá elongatá, subfusiformi, spirá turrítá; anfractibus supernè angulatis, longitudinaliter costatis, costis ad angulum nodosis, infernè evanidis, transversim impresso-striatis; rubidá, albizonatá, costis supernè albis; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 35. f. 288.

Hab. — ?

A pretty species, the sculpture of which is of a very decided character.

MITRA CHELONIA. *Mitr. testá ovatá, spirá breviusculá, acutá; lævigatá; nigricante-fuscá, zonulá luteá unicá, cingulatá; columellá triplicatá, labro supernè sinuato.*

Conch. Icon., *Mitra*, pl. 35. f. 289.

Hab. Island of Burias, Philippines (dredged from sandy mud at the depth of ten fathoms); Cuming.

Belonging to that well-known division of the genus of which the *Mitra ebenus* is the type.

MITRA SCULPTILIS. *Mitr. testá elongatá, subcylindraceá, basi paululúm recurvá, spirá suturis subimpressis; longitudinaliter crebriliratá, interstitiis transversim fortiter clathratis; albicante, fuscescente pallidè maculatá, anfractús ultimi parte inferiori fuscescente basi albicante; columellá quinqueplicatá.*

Conch. Icon., *Mitra*, pl. 35. f. 290.

Hab. Island of Ticao, Philippines (found under stones at low water); Cuming.

Distinguished by its very closely latticed sculpture.

MITRA SPICATA. *Mitr. testá fusiformi, spirá acuminato-turritá; anfractibus longitudinaliter crebricostatis, supernè acutangulis, costis ad angulum tuberculato-nodosis, anfractu ultimo medio exiliter noduloso, costis ferè obsoletis; pallidè fulvá; columellá quadruplicatá.*

Conch. Icon., *Mitra*, pl. 35. f. 291.

Hab. Island of Ticao, Philippines (found on the sands); Cuming.

The upper whorls of this species are longitudinally finely ribbed, but there is very slight indication of ribs upon the lower.

MITRA HEBES. *Mitr. testá fusiformi, spirá acuminatá, lineis profundè impressis transversis et longitudinalibus undique creberrimè decussatá, albicante, columellá quadruplicatá.*

Conch. Icon., *Mitra*, pl. 35. f. 292.

Hab. — ?

The entire surface of this species is decussated with narrow deeply-cut lines.

MITRA ANALOGICA. *Mitr. testá ovato-oblongá, basi contractá, sulcatá; spiræ anfractibus longitudinaliter plicato-costatis, anfractu ultimo lævigato; nigricante fuscá, zonulá luteá cingulatá; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 35. f. 293.

Hab. — ?

This species has very much the appearance of a gigantic *Mitra Savignii*, from which it however differs in its proportions.

MITRA BILINEATA. *Mitr. testá ovatá, solidiusculá, spirá acuminatá; longitudinaliter subobsoletè plicatá, lævigatá, politá; nigerrimo-*

fusca, apicem versus albicante, lineis duabus luteis cingulatá; columellá quinqueplicatá.

Conch. Icon., *Mitra*, pl. 35. f. 294.

Hab. — ?

A hard polished blackish brown shell, encircled with two distant yellow lines.

MITRA RECURVA. *Mitr. testá fusiformi, basi attenuatá, subrecurvá; longitudinaliter granoso-liratá, transversim impresso-striatá; rosacco-purpurascente, fusco minutissimè hic illic punctatá; columellá quadriplicatá; labro incrassato.*

Conch. Icon., *Mitra*, pl. 36. f. 297.

Hab. Island of Capul, Philippines (found under stones at low water); Cuming.

The minute granules with which the surface of this shell is longitudinally sculptured have a semitransparent pearl-like appearance.

MITRA INCARNATA. *Mitr. testá oblongo-ovatá, spirá breviusculá, transversim elegantissimè crebriliratá, longitudinaliter angiusculatá; incarnatá; columellá sexplicatá, aperturá longiusculá.*

Conch. Icon., *Mitra*, pl. 36. f. 299.

Hab. Cagayan, province of Misamis, island of Mindanao, Philippines (dredged from sandy mud at the depth of five and twenty fathoms); Cuming.

The sculpture of this delicately tinted shell is very elaborate.

MITRA ARTICULATA. *Mitr. testá abbreviato-fusiformi, subventricosá; anfractibus lævibus, longitudinaliter subobsoletè plicatis, medio leviter tuberculatis; pallidè rosacco-coccineá, zonulá albá fusco articulatá cinctá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 36. f. 302.

Hab. — ?

I have found no specimen approaching comparison with the one above described, from the collection of Thomas Norris, Esq.

MITRA FESTA. *Mitr. testá pyramidalis-ovatá, longitudinaliter obtuso-costatá, costarum interstitiis transversim cancellatis; eburned, anfractu ultimo fasciá latá olivaceo-cinereá, fusco indistinctè punctatá, cingulatá; columellá quadriplicatá.*

Conch. Icon. *Mitra*, pl. 36. f. 303.

Hab. Puerto Galero, island of Mindoro, Philippines (found on the sands); Cuming.

A solid ivory-white shell, encircled with a dark band, which is concealed in the upper part of the shell by the superposition of the whorls.

MITRA PINGUIS. *Mitr. testá subobeso-ovatá, longitudinaliter subobliquè noduloso-costatá, transversim impresso-striatá, striis creberrimis, anfractis ultimi parte inferiori sulcatá; albidd, fasciá unicá fuscescente cingulatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 36. f. 304.

Hab. Puerto Galero, island of Mindoro, Philippines; Cuming.

The last whorl of this shell exhibits a peculiarity of structure

which is worthy of observation; above the brown band it is very closely impressly striated across; below it, it is merely distantly grooved. A difference between the transverse sculpture of the upper and lower portions of the whorls is rarely met with.

MITRA PECULIARIS. *Mitr. testá elongatá, anfractibus lævibus, concavis, carinâ unicâ prominente supernè ornatis; albidâ, fasciâ latâ luteo-fuscescente cingulatâ; columellâ buplicatâ.*

Conch. Icon., *Mitra*, pl. 36. f. 305.

Hab. Puerto Galero, island of Mindoro, Philippines (found under stones at low water); Cuming.

This species may be easily distinguished by the hollow character which is imparted to the whorls by the very prominent keel round the upper part.

MITRA ROBOREA. *Mitr. testâ pyramidalî, spirâ acuminatâ; nigricante-fuscâ, liris albidis angustis undique funiculatâ; columellâ buplicatâ, plicis subindistinctis; aperturâ parvâ.*

Conch. Icon., *Mitra*, pl. 37. f. 306.

Hab. — ?

An interesting dark pyramidal shell, encircled throughout with white cord-like ridges.

MITRA RADIUS. *Mitr. testâ gracili-fusiformi, spirâ acuminatâ, basi contractâ, subelongatâ; anfractibus longitudinaliter concentricè plicato-costatis, interstitiis cancellatis; pallidè carneâ, anfractu ultimo fasciâ fuscescente basim versus cingulato; columellâ buplicatâ.*

Conch. Icon., *Mitra*, pl. 37. f. 309.

Hab. Island of Corregidor, Philippines (found among coarse sand at the depth of seven fathoms); Cuming.

A light elegant shell, in which the ribs are of a peculiarly concentric growth.

MITRA GLANDIFORMIS. *Mitr. testâ ovatâ, utrinque attenuatâ, spiræ suturis profundè impressis; longitudinaliter costatâ, costis lævibus, interstitiis profundè clathratis; cinereo-griseo alboque variegatâ, basi albicante; columellâ quadriplicatâ.*

Conch. Icon., *Mitra*, pl. 37. f. 310.

Hab. — ?

In most examples of this species the white rather predominates.

MITRA CINERACEA. *Mitr. testâ pyramidalî-ovatâ, spirâ turrîtâ, basi subrecurvâ; anfractibus supernè angulatis, longitudinaliter costatis, costis ad angulum subnodosis, interstitiis liris parvis transversis cancellatis; cinereo-griseâ, fasciâ albidâ subinterruptâ cingulatâ, basi albidâ; columellâ quadriplicatâ, aperturâ parvâ.*

Conch. Icon., *Mitra*, pl. 37. f. 311.

Hab. Cagayan, province of Misamis, island of Mindanao, Philippines (found under stones at low water); Cuming.

A sharply turreted shell, in which the prominent parts of the ribs are white upon a dark ashy ground.

MITRA LIMATA. *Mitr. testâ ovatâ, crassiusculâ, spirâ mediocri; lævigatâ, politâ, transversim undique sulcatâ, sulcis puncturatis;*

albida, fasciâ fuscâ albifloccatâ cingulatâ; columellâ quadruplicatâ.

Conch. Icon., *Mitra*, pl. 37. f. 312.

Hab. Island of Bohol, Philippines (found under stones on the reefs at low water); Cuming.

The grooves of this species are more deeply punctured towards the upper part of the whorls.

MITRA EXILIS. Mitr. testâ elongatâ, basi subrecurvâ, spirâ subobtusâ; liris minutis undique granoso-decussatâ; pallidè violaceo-purpurascente, anfractu ultimo fasciâ latâ saturatiore cingulato, infra albicante; columellâ quadruplicatâ, plicis parvis; labro incrassato.

Conch. Icon., *Mitra*, pl. 37. f. 313.

Hab. Island of Ticao, Philippines (found under stones at low water); Cuming.

An interesting small species, with a decussated granular surface, like that of a thimble.

MITRA MICA. Mitr. testâ elongatâ, subcylindraceâ, basim versus contractâ; liris granulosis undique creberrimè decussatâ; fuscâ, zonâ albâ cingulatâ; columellâ quadruplicatâ.

Conch. Icon., *Mitra*, pl. 37. f. 314.

Hab. Island of Guimaras, Philippines (found in coarse sand at the depth of six fathoms); Cuming.

The colour of this shell is a dull earthy brown.

MITRA ARMILLATA. Mitr. testâ pyramidalî, spirâ turritâ; anfractibus supernè plano-angulatis, longitudinaliter concentricè costatis, costis angustis, numerosis, ad angulum nodosis, transversim impressis; purpureo-fuscâ, zonulâ lutescente cingulatâ; columellâ quadruplicatâ, aperturâ brevi.

Conch. Icon., *Mitra*, pl. 37. f. 315.

Hab. Island of Annaa, Pacific Ocean (found on the reefs); Cuming.

A prettily sculptured species, in which the ribs are disposed somewhat concentrically.

MITRA TORNATELLOIDES. Mitr. testâ rotundato-ovatâ, spirâ brevi, obtusâ; transversim undique sulcatâ, sulcis subindistinctè puncturatis; sanguineo-fuscâ, zonulâ transversâ strigisque longitudinalibus undatis albis vividè notatâ; columellâ quadruplicatâ.

Conch. Icon., *Mitra*, pl. 38. f. 316.

Hab. Philippine Islands; Cuming.

The general aspect of this shell is very like that of a well-known species of *Tornatella*.

MITRA GAUSAPATA. Mitr. testâ ovatâ, spirâ subacuminatâ; anfractibus supernè plano-compressis, tuberculato-costatis, transversim undique liratis; nigerrimo-fuscâ, anfractuum areâ superâ luteâ; columellâ triplicatâ.

Conch. Icon., *Mitra*, pl. 38. f. 317.

Hab. Gallapagos Islands (dredged from the depth of about ten fathoms); Cuming.

The whorls are characterized by a peculiar narrow depression round the upper part, beneath which they are for a short distance tubercularly ribbed.

MITRA AMANDA. *Mitr. testá subpyramidali, spirá acuto-turritá; anfractibus longitudinaliter crebricostatis, transversim impressis; fasciis angustis rubido-fuscis albisque undique cingulatá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 38. f. 318.

Hab. Islands of Burias and Negros, Philippines (found among coral sand at the depth of four fathoms); Cuming.

Encircled throughout with narrow white and reddish brown bands.

MITRA CROCEA. *Mitr. testá ovatá, spirá suturis impressis; anfractibus supernè plano-angulatis; longitudinaliter crebricostatis, transversim basim versus sulcatis; pallidè croceá, apertura fauce aurantio tinctá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 38. f. 320.

Hab. Island of Capul, Philippines (found under stones at low water); Cuming.

Of a beautiful clear yellow colour, with orange mouth.

MITRA ROSACEA. *Mitr. testá ovatá, spirá breviusculá; liris granatis undique cingulatá; nived, maculis grandibus pallidè rosaceis bifasciatim ornata; columellá quinqueplicatá; aperturá oblongo-ovatá; labro crenulato.*

Conch. Icon., *Mitra*, pl. 38. f. 321.

Hab. Island of Corrigidor, Philippines (found among coral sand at the depth of ten fathoms); Cuming.

An extremely delicate semitransparent pink-stained white shell.

MITRA MÆSTA. *Mitr. testá oblongo-ovatá, transversim sulcatá, lævigatá; fuscescente, anfractuum parte superiori pallidè luteá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 38. f. 323.

Hab. Island of Corrigidor, Philippines (dredged among coral sand at the depth of ten fathoms); Cuming.

The columella and mouth of this species are brightly enamelled.

MITRA ÆTHIOPS. *Mitr. testá ovatá, crassá, spirá acutá, liris parvis transversis et longitudinalibus, concentricis, undique decussatá; nigerrimá, vel olivaceo-nigrá; columellá planatá, quadriplicatá, callositate supernè munitá; labro planato, intus denticulato, supernè sinuato.*

Conch. Icon., *Mitra*, pl. 38. f. 324.

Hab. Islands of Ticao and Luzon, Philippine Islands (found under stones at low water); Cuming.

Belonging to that interesting group of which the *Mitra Ziervogeliana* and *Woldemarii* form part.

MITRA ZELOTYPA. *Mitr. testá ovatá, anfractibus supernè rotundatis, longitudinaliter costatis, transversim fortiter cancellato-liratis; luteo alboque undique fasciatá; columellá quadriplicatá, apertura fauce violascente.*

Conch. Icon., *Mitra*, pl. 38. f. 325.

Hab. — ?

A very distinct species, from the collection of H. Cuming, Esq., concerning which he possesses no information as to its locality.

MITRA INFAUSTA. *Mitr. testá ovatá, solidiusculá, longitudinaliter subundato-costatá, transversim impresso-striatá; incarnato-stramineá, lineis impressis rubido-fusco hic illic exiliter tinctis; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 39. f. 326.

Hab. Island of Ticao, Philippines (found under stones at low water); Cuming.

The transverse impressed striæ are chiefly stained with reddish brown where they pass over the ribs.

MITRA GRAIA. *Mitr. testá ovatá, solidá, spirá brevi, acuminatá; levigatá, albá, opacá, epidermide luteá indutá; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 39. f. 327.

Hab. Island of Paros, Grecian Archipelago; — Miller, R.N.

A stout solid shell, of a peculiar opaque marble-white, covered with a yellow epidermis.

MITRA CANDIDA. *Mitr. testá ovatá, subfusiformi, transversim crebriliratá, lirarum interstitiis longitudinaliter subtilissimè striatis; candidá; columellá triplicatá.*

Conch. Icon., *Mitra*, pl. 39. f. 328.

Hab. La Guayra, South America.

A white closely-ridged species, in the collection of His Majesty the king of Denmark, by whose permission it has been forwarded to me for illustration.

MITRA RUSTICA. *Mitr. testá oblongo-ovatá, spirá turritá; anfractibus supernè angulatis, longitudinaliter costatis, costis subdistantibus, ad angulum muricato-tuberculatis, transversim puncturatis; albidd, infernè cinereá; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 39. f. 329.

Hab. — ?

The upper edge of the ash-colour is slightly marked between the ribs with one or two brown dots.

MITRA CORALLINA. *Mitr. testá subfusiformi, politá, basi subrecurvâ; anfractibus transversim obsolete striatis, longitudinaliter plicato-costatis; electro-vel corallio-rubrá, costis albicantibus; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 39. f. 330 *a* and *b*.

Hab. Island of Masbate, Philippines (found on the sands); Cuming.

This is a beautiful species, some examples having the appearance of bright amber, whilst others resemble red coral.

MITRA LUBENS. *Mitr. testá elongatá, subfusiformi, basi contractá, spirá turritá; anfractibus supernè angulatis, liris parvis longitudinalibus et transversis creberrimè clathratis; albidd, apice basique rosaceis; columellá quadriplicatá.*

Conch. Icon., *Mitra*, pl. 39. f. 331.

Hab. Island of Ticao, Philippines (found under stones at low water); Cuming.

The ridges of this very delicate and pretty shell are slightly nodulous, and prickly on the angle.

MITRA PATULA. *Mitr. testâ ovatâ, tenuiculâ, ventricosiusculâ, lævigatâ; cinerâ, fusco hic illic variegatâ et nebulatâ; columellâ quadruplicatâ; aperturâ amplâ; labro tenui, supernè sinuato.*

Conch. Icon., *Mitra*, pl. 39. f. 333.

Hab. — ?

Very distinct from any form of the genus I have met with.

MITRA ALVEOLUS. *Mitr. testâ abbreviato-ovatâ, spiræ suturis profundè impressis; longitudinaliter subtiliter plicato-costatâ, basi transversim sulcatâ; anfractibus infernè aterrimis, supernè albis, nigro tessellatis; columellâ quadruplicatâ.*

Conch. Icon., *Mitra*, pl. 39. f. 334.

Hab. — ?

A characteristic tessellated species, from the collection of Thomas Norris, Esq.

ENTOMOLOGICAL SOCIETY.

January 1st, 1844.—The President in the Chair.

An extract from a letter addressed by the Rev. Mr. Savage to the Rev. F. W. Hope was read, giving an account of the capture of a new species of Goliath Beetle on the west coast of Africa, *Mecynorhina Savagii* (Harris, Journ. of Boston Nat. Hist. Soc. vol. iv. pl. 2; Westw. Arc. Ent. ii. pl. 81. f. 1, 2).

Extracts were also read from two letters addressed to Mr. Hope by C. D. E. Fortnum, Esq., giving some account of the entomology in the neighbourhood of Port Adelaide, and mentioning some particulars respecting the reproduction of the limbs in a species of *Phasmidæ*, *Diura violascens*, Gray, a larva of which (about one inch long and having much the appearance of a *Bacillus*) had its left intermediate leg broken off when captured. It fed on the young leaves of the gum-tree, *Eucalyptus*, and grew very fast. On the first moult after the accident a small leg appeared on the old stump, but with a withered appearance, and apparently the joints were not formed. At the second moult the leg had grown to half its natural size, with all the joints perfect. The third moulting produced the pupa with the leg about two-thirds of the original size. On the change to the imago the limb had regained its full size. Mr. Fortnum adds, that the young *Phasmidæ* invariably eat the old skin after moulting. He also mentions the capture of a species of *Mantispa* and one of *Ascalaphus*. In a subsequent communication he mentions the capture of several apparently new species of *Phasmidæ*, and states that *Diura violascens* and *roseipennis* are the sexes of the same species, having reared several from the larva. He had collected a great many species of ants, and several new predaceous beetles (including a beautiful *Harpalus* with